

ABSTRACT

The object of the present invention is to obtain a highly soluble and colorless acrylamide polymer having a high molecular weight.

A method for producing such acrylamide polymer involves comprises steps of: hydrating acrylonitrile containing oxazole at a concentration of 5 mg/kg or less and hydrogen cyanide at a concentration of 1 mg/kg or less by an enzymatic method to yield acrylamide; and polymerizing monomers containing acrylamide.